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| PROJECT # | SDC0490000 |
| DEPARTMENT | Public Works |
| DEPARTMENT CONTACT | Rod Steitzer |

| DESCRIPTION/JUSTIFICATION | |
|---------------------------|--|
| 108th Avenue NE | 108th Avenue NE is elevated above Forbes Creek and the adjacent wetlands. Curbs on both sides of the road appear to prevent street runoff from draining to the stream resulting in standing water on the road during storm events. The existing dual 36-inch corrugated metal pipe culverts also have created a barrier to fish passage. The culverts are located in a depositional area of Forbes Creek resulting in one of the two culverts filling with sediment, restricting fish passage. |

Project moved from 2019-2020 to 2023-2024 and beyond based on 2018 reprioritization of the Surface Water Master Plan criteria. Total project costs changed from \$426,400 to \$1,323,100 due to updated cost estimate including added Critical Areas Ordinance requirements and escalation for future years.

[illegible]

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2019 TO 2024**

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|---------------------------|-------------------|
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| PROJECT TITLE | FORBES CREEK / 108TH AVENUE NE FISH PASSAGE IMPROVEMENTS |
| CRITERIA | PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY) |
| Amount of public disruption and inconvenience caused | <i>During construction, anticipated to last 2-3 weeks, alternate routes for the residents living north of Forbes Creek along 108th Ave NE will be required.</i> |
| Community economic impacts | <i>Overall maintenance costs will be reduced.</i> |
| Health and safety, environmental, aesthetic, or social effects | <i>Localized flooding and environmental degradation will continue if the sedimentation along this stretch of Forbes Creek is not addressed. Available fish habitat would be enhanced with the projects.</i> |
| Responds to an urgent need or opportunity | <i>This project is identified as a high priority in the Surface Water Master Plan.</i> |
| Feasibility, including public support and project readiness | <i>During the design development and community involvement process, the access and delivery needs of the neighbors will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.</i> |
| Conforms to legal or contractual obligations | <i>Will be designed and constructed per professional and legal standards and guidelines.</i> |
| Responds to state and/or federal mandate | <i>Environmental and habitat enhancement for fish including native cutthroat and other species is consistent with the Endangered Species Act.</i> |
| Benefits to other capital projects | <i>Project timing will be coordinated with other utility projects (WA 0101 and SS 0062).</i> |
| Implications of deferring the project | <i>Continued flooding events.</i> |
| CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN | Name of Neighborhood(s) in which located: <i>South Juanita</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachments <input type="checkbox"/> (Specify) |
| LEVEL OF SERVICE IMPACT | <input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: approximately 30-40% <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards. |